PATENT

Docket: 014/002C

GCT CTA GAA TGA ACG GTG GAA GGC GGC AGG (SEQ ID NO:8)

GCT CTA GAA TGA ACG GTG G (SEQ ID NO.9)

GCT CTA GAA TGA ACG (SEQ ID NO:10)

GCT CTA GAA TG (SEQ ID NO:11)

GCT CTA G (SEQ ID NO:12)

CAT TTT TTG TTT GCT CTA GA (SEQ ID NO:13) and

CGG GCC AGC AGC TGA CA (SEQ ID NO:14).

JAN 2 3 2002

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A clean copy of all claims as presently pending is enclosed herewith.

Remarks

Claims 1-26 as pending were variously rejected under 35 USC § 112 and § 102(e). Applicants thank the Examiner for indicating that claims 17, 22, 23, 25 and 26 were allowed.

In light of the procedural status of this application (i.e., the unintentional abandonment of the application) applicants have elected to accept the subject matter indicated to be presently allowed in this application, thereby simplifying consideration of the petition for revival and this response. To facilitate this, applicants have cancelled the rejected claims, without prejudice, and present new claims 27-29 (in place of allowed claims 17 and 22) for consideration by the Examiner. Allowed claims 23, 25 and 26 are unchanged.

New claim 27 corresponds to claim 17, which was indicated to be allowed by the Examiner, and represents the incorporation of the limitations of 17 into the base claim, claim 12. New claim 28 combines the limitations of allowed claims 17 and 22. New claim 29 corresponds to allowed claim 22. No new matter is introduced by these claims.

Applicants do not concede that the rejections levied against the remaining claims are proper, and reserve the right to pursue such claims in related applications. No surrender of any subject matter is intended by way of this amendment.

Request for Transfer of Computer Readable Form of Sequence Listing Pursuant to MPEP § 2422.05

The paper copy of the Sequence Listing in this application number 09/436,060, the entry of which is requested above, is identical to the computer readable copy of the Sequence Listing filed in application number 08/770,564, filed December 20, 1996. In accordance with 37 CFR § 1.821(e), please use the last-filed computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent & Trademark Office will make the necessary changes in application number and filing date for the instant application. A paper copy if the Sequence Listing is included with this amendment for incorporation into the specification. The information recorded in the computer readable form of the Sequence Listing is identical to the written Sequence Listing submitted herewith and does not include new matter.

Conclusion

It is believed that the application is now in condition for allowance. Applicants' representative, undersigned, would be pleased to discuss the claims with the Examiner, should that be helpful.

Please charge any additional fees required, or credit any overpayments, to Deposit Account 07-1139 (Order No. 014/002C).

Respectfully submitted,

David J. Earp, J.D., Ph.I Registration No. 41,401

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November 13, 2001

AMENDMENT TO THE SPECIFICATION: VERSION TO SHOW CHANGES MADE

Table 1

Oligo	Sequence		RnaseH	Capture?	Activity	NB ref
#			Digestion?	(2 'Ome)	on beads	GLN -21
14	5' CGT TCC TCT TCC TGC GGC CTG AAA CGG	٠,	yes			73
	TGA 3' (SEQ ID NO. 2)					
14ab	5' CGT TCC TCT TCC TGC GGC CT 3' (SEQ ID NO. 3)		yes	yes	yes	92
14bc	5' CCT GCG GCC TGA AAC GGT GA 3' (SEQ JD NO. 27)		no	NA	NA	92
14d	5' CGT TCC TCT TCC 3' (SEO ID NO. 4)		yes	yes	yes	106
16	5' CTG ACA GAG CCC AAC TCT TCG CGG TGG		yes			73
	CAG 3' (SEO ID NO. 5)					
16ab	5' CTG ACA GAG CCC AAC TCT TC 3' (SEO ID NO. 6)		yes	yes	no	92
16bc	5' CCA ACT CTT CGC GGT GGC AG 3' (SEO ID NO. 7)		yes	yes	NT	92
21	5' GCT CTA GAA TGA ACG GTG GAA GGC GGC		yes			73,13
	AGG 3' (SEQ ID NO. 8)					
21ab	5' GCT CTA GAA TGA ACG GTG G 3' (SEQ ID NO. 9)		yes	yes	*	177
21ab3	5' GCT CTA GAA TGA ACG 3' (SEO ID NO. 10)		yes	NT	*	177
21ab2	5' GCT CTA GAA TG 3' (SEQ ID NO. 11)		yes	yes	NT	177
21ab1	5' GCT CTA G 3' (SEO ID NO. 12)		yes	yes	yes	177
20/21	5' CAT TTT TTG TTT GCT CTA GA 3' (SEQ ID NO. 13)	, 1	yes	NT	NT	177

NA = not applicable

NT = not tested

^{*} known to inhibit telomerase